FIG. 1
(Prior Art)

Notebook Computer Mode

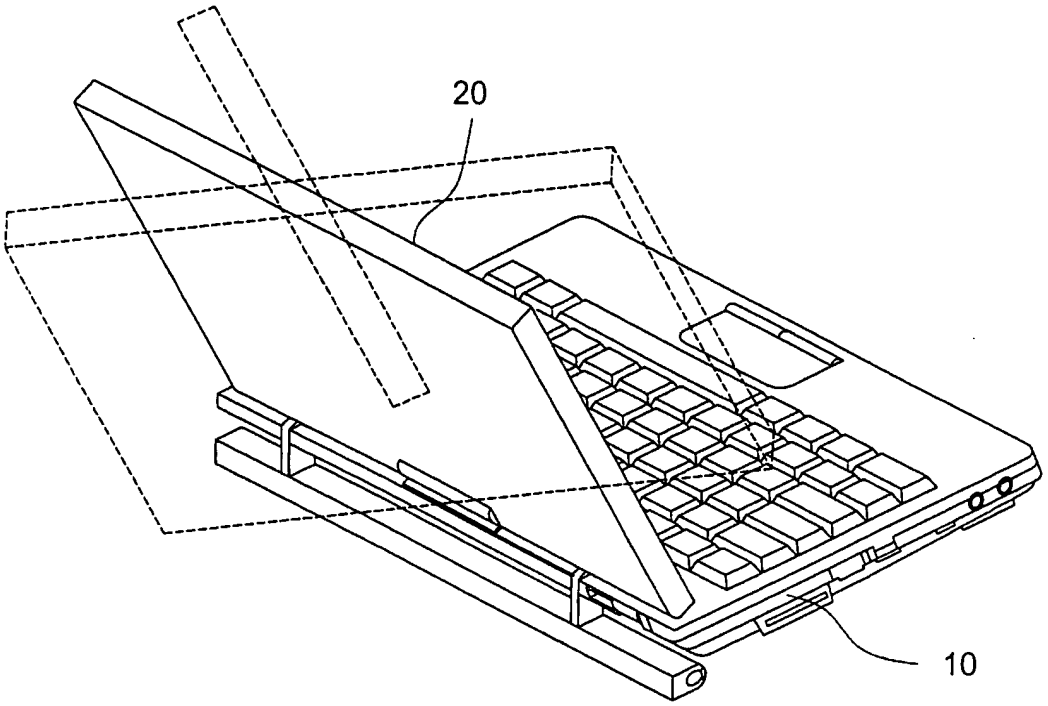


FIG. 2
(Prior Art)

Tablet Computer Mode

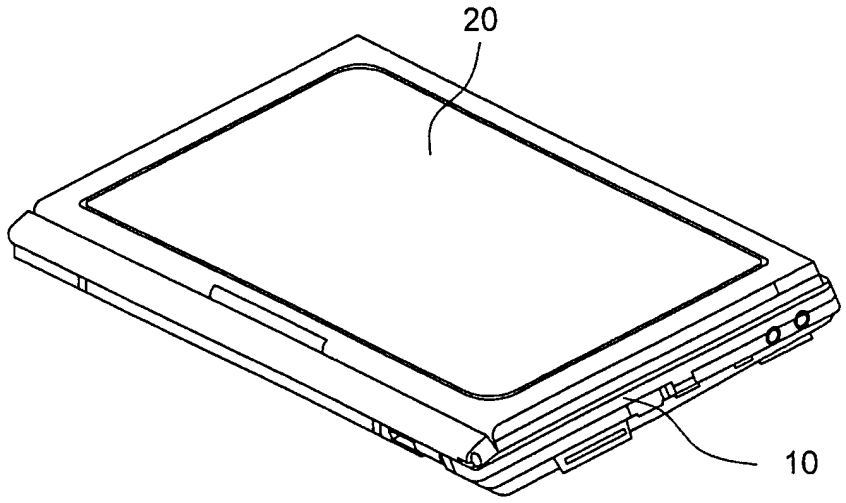


FIG. 3

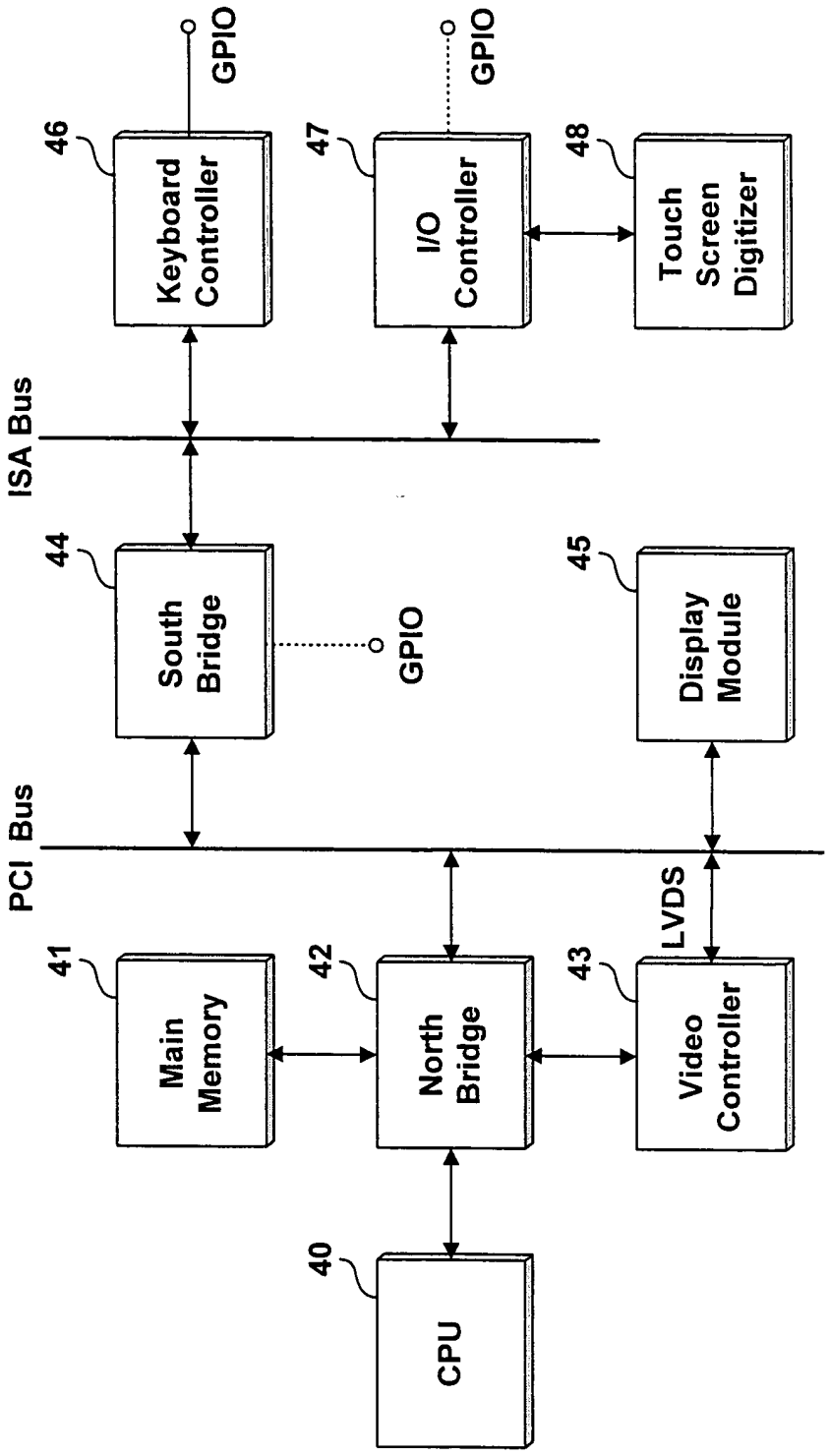

CPU
40
North Bridge
42
Main Memory
41
Video Controller
43
LVDS
Display Module
45
South Bridge
44
GPIO
PCI Bus
ISA Bus
Keyboard Controller
46
I/O Controller
47
Touch Screen Digitizer
48
GPIO
GPIO

FIG. 4

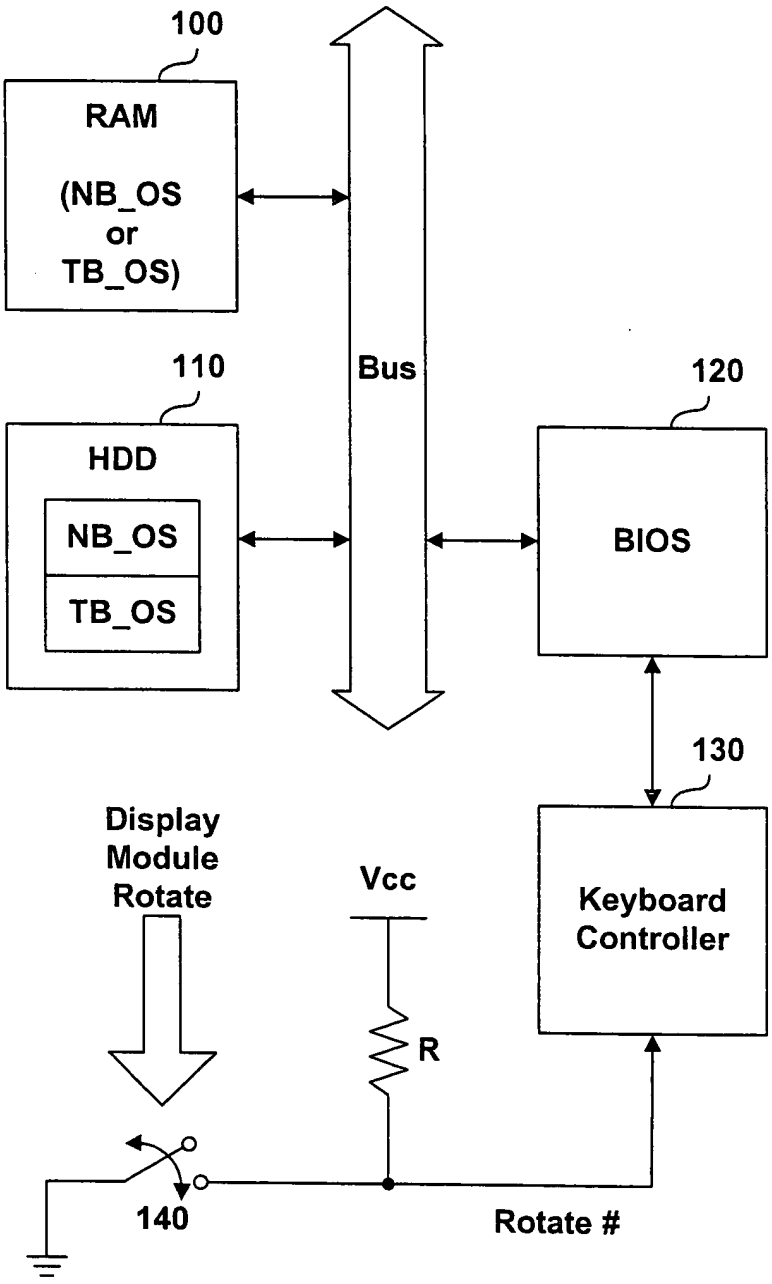

100
RAM
(NB_OS
or
TB_OS)
110
HDD
NB_OS
TB_OS
Bus
120
BIOS
130
Keyboard
Controller
Display
Module
Rotate
Vcc
R
140
Rotate #

FIG. 5

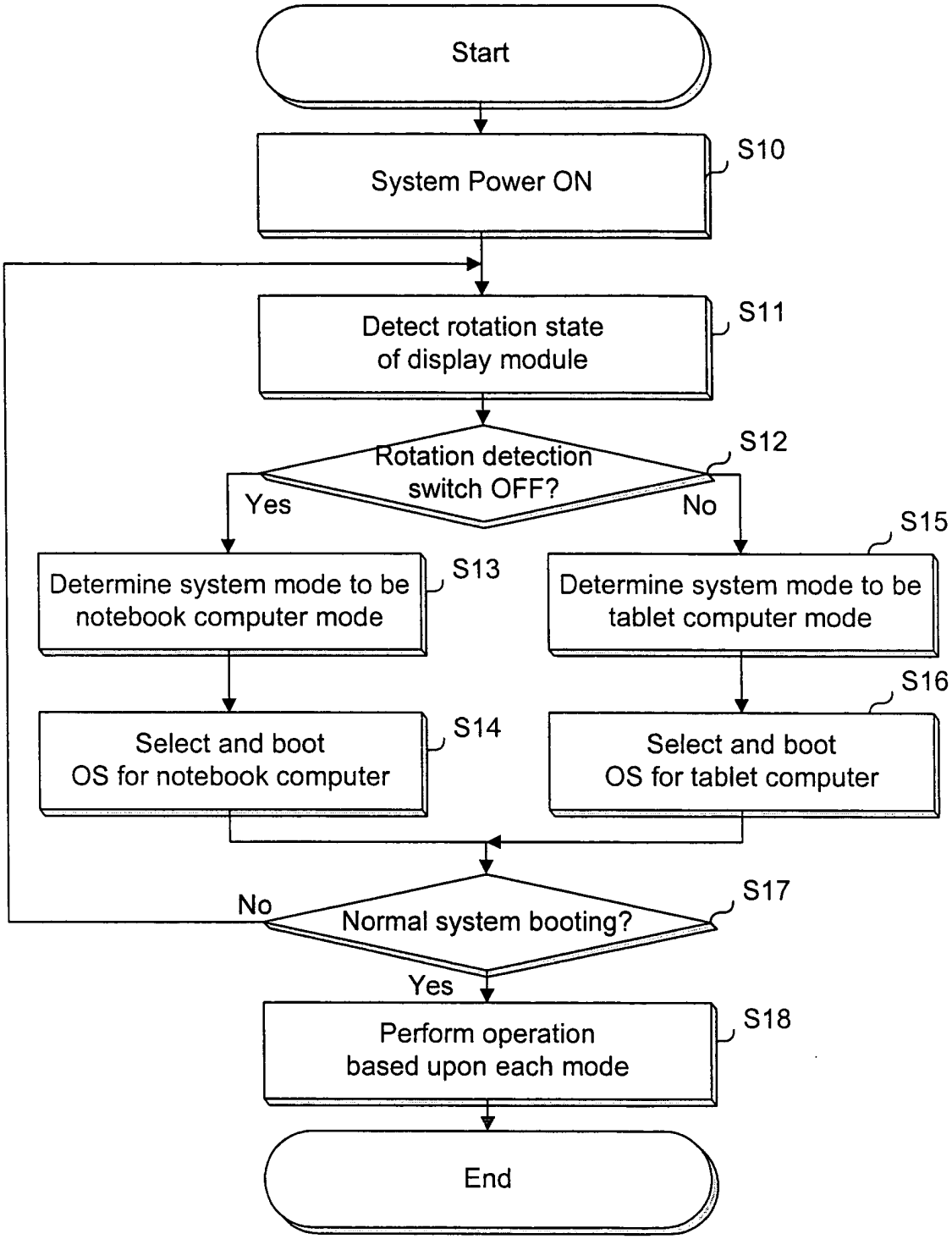

Start
System Power ON
S10
Detect rotation state of display module
S11
Rotation detection switch OFF?
S12
Yes
No
Determine system mode to be notebook computer mode
S13
Determine system mode to be tablet computer mode
S15
Select and boot OS for notebook computer
S14
Select and boot OS for tablet computer
S16
Normal system booting?
S17
No
Yes
Perform operation based upon each mode
S18
End

FIG. 6
(Prior Art)

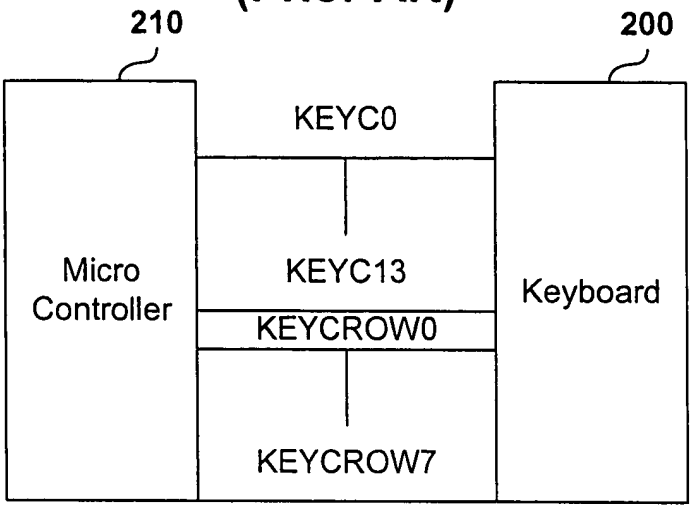


FIG. 7

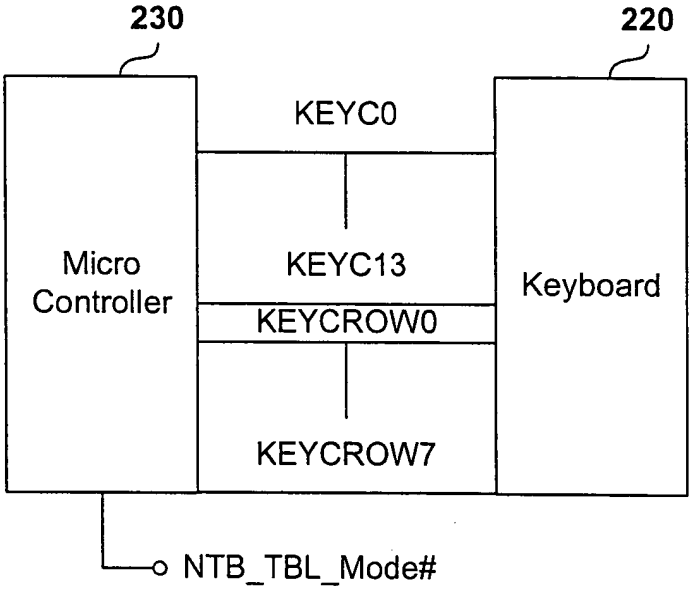


FIG. 8

	Notebook Computer	Tablet Computer
NTB_TBL_Mode#	High	Low
Keyboard	Activation State	Inactivation State

FIG. 9

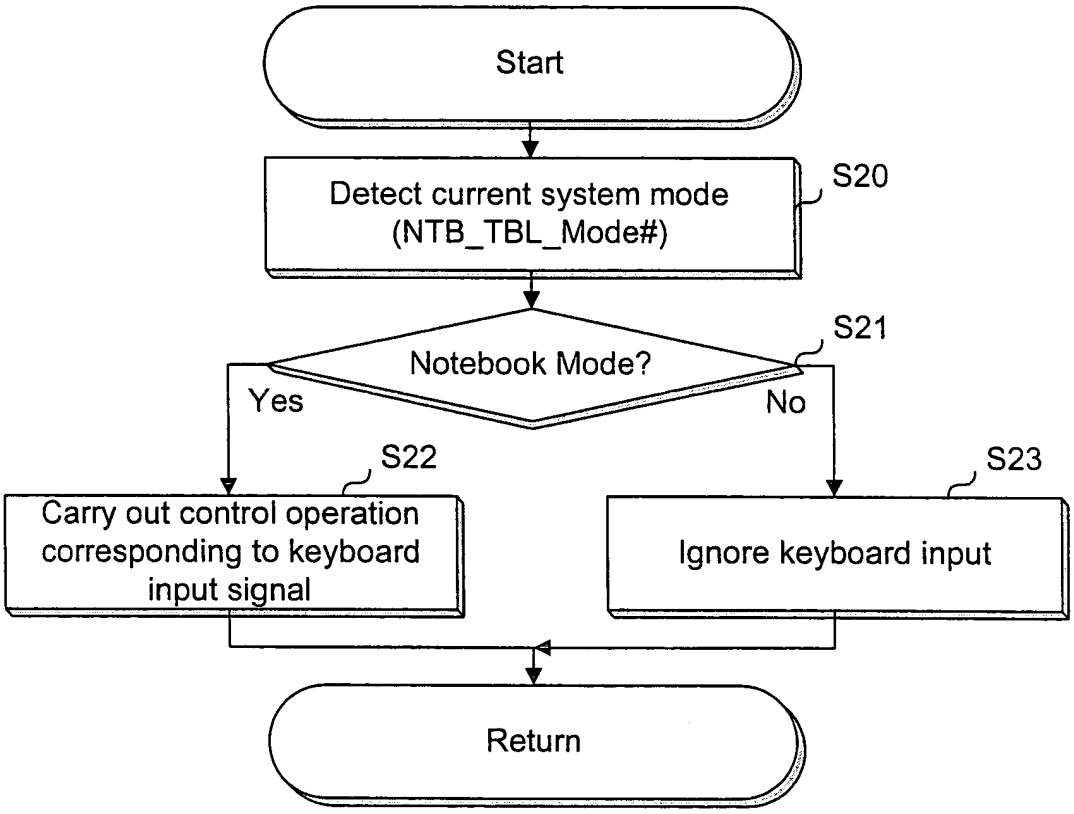


FIG. 10
(Prior Art)

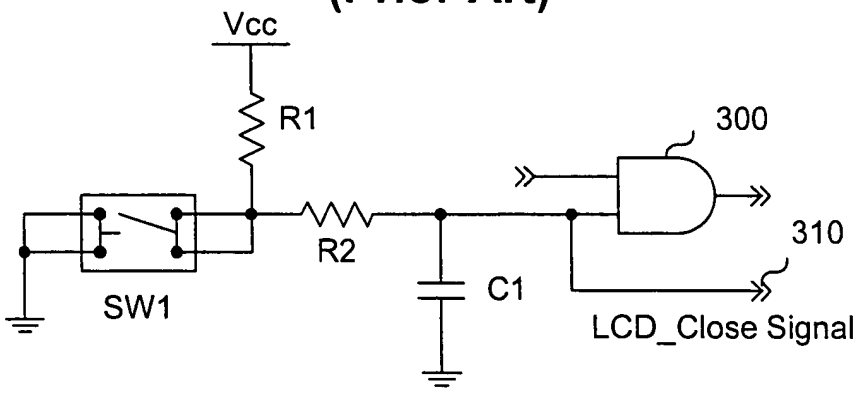


FIG. 11

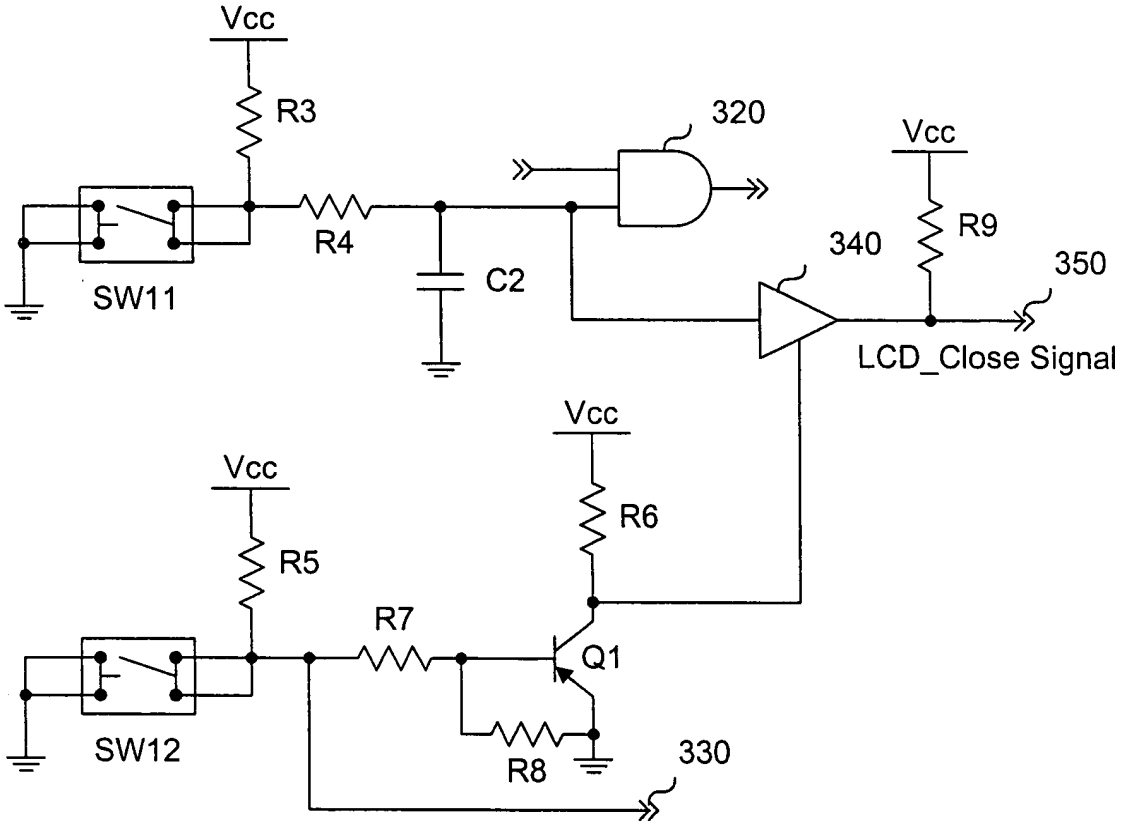


FIG. 12

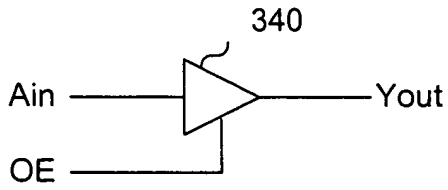


FIG. 13

Input		Output
OE	Ain	Yout
H	L	L
H	H	H
L	X	Z

FIG. 14

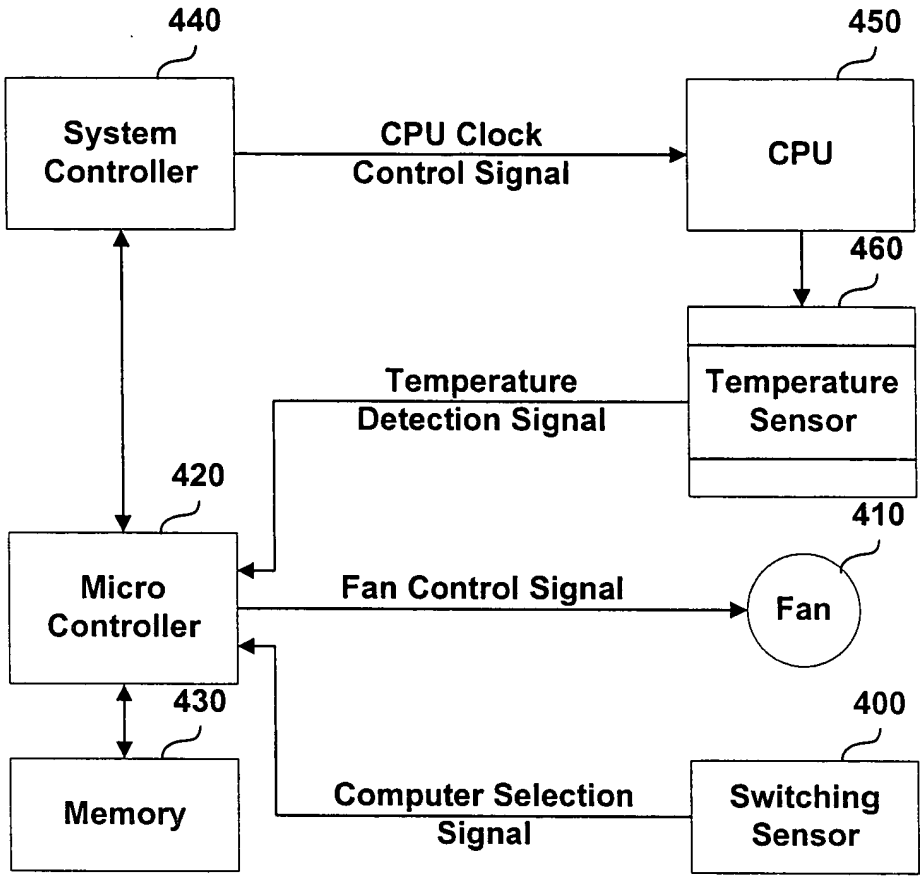
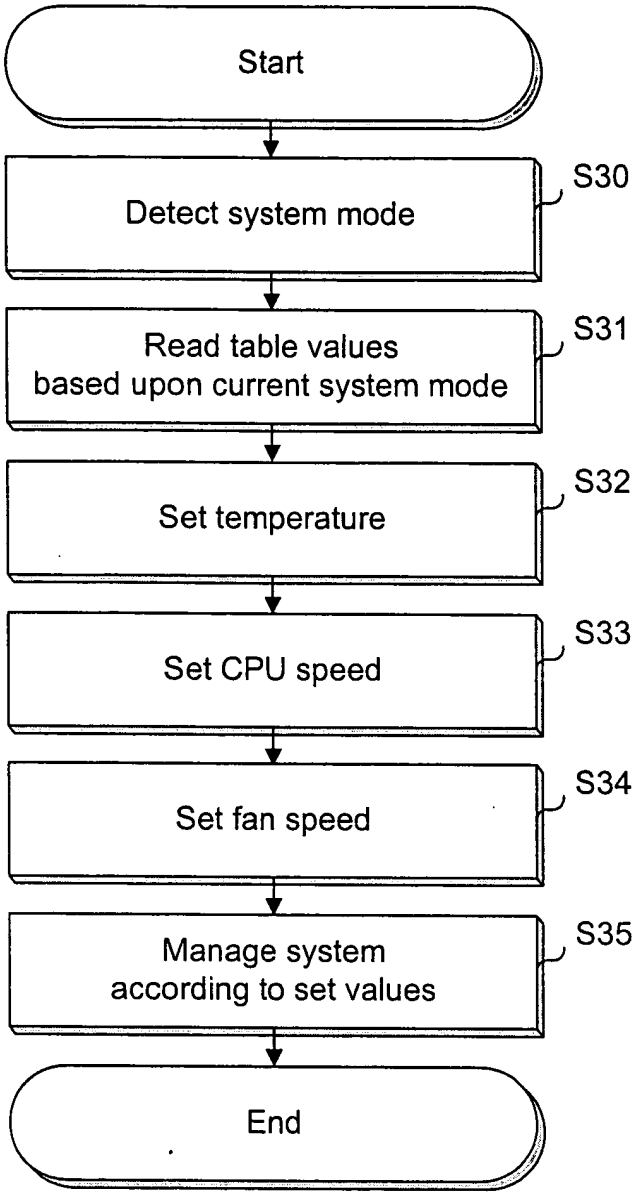


FIG. 15

Mode	Tablet Computer	Notebook
CPU Speed	Low	High
Temperature	Low	High
Fan Speed	Low	High

FIG. 16


Start
Detect system mode
S30
Read table values based upon current system mode
S31
Set temperature
S32
Set CPU speed
S33
Set fan speed
S34
Manage system according to set values
S35
End